

**INVENTEK****Fax**

Dov Rosenfeld  
 5507 College Avenue, Suite 2  
 Oakland, CA 94618, USA  
 Phone: (510)547-3378; Fax: (510)291-2985  
 dov@inventek.com

***Patent Application Ser. No.: 10/698,588******Ref./Docket No: CISCO-7727******Applicant(s): Lyons, et al.******Examiner: Raymond B. Persino******Filing Date: October 31, 2003******Art Unit: 2682*****FAX COVER PAGE**

**TO:** Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

United States Patent and Trademark Office  
 (Examiner Raymond B. Persino, Art Unit 2682)

***Fax No.: 703-872-9306******DATE: February 24, 2005******FROM: Dov Rosenfeld, Reg. No. 38687******RE: Information Disclosure Statement******Number of pages including cover: 6.*****OFFICIAL COMMUNICATION**

**PLEASE URGENTLY DELIVER A COPY OF  
 THIS AMENDMENT TO THE EXAMINER OF  
 RECORD FOR THIS APPLICATIONRAYMOND  
 B. PERSINO, ART UNIT 2682**

**Certificate of Facsimile Transmission under 37 CFR 1.8**

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date: Feb. 24, 2005Signed: AJP

Name: Amy Drury

Our Docket/Ref. No.: CISCO-7727

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lyons et al.

Group Art Unit: 2682

Serial No.: 10/698,588

Examiner: Raymond B. Persino

Filed: October 31, 2003

Title: ERROR VECTOR MAGNITUDE  
SELECTION DIVERSITY METRIC  
FOR OFDM

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RECEIVED  
U.S. PATENT AND TRADEMARK OFFICE  
FEB 24 2005TRANSMITTAL: INFORMATION DISCLOSURE STATEMENT

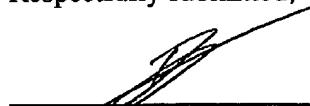
Dear Commissioner:

Transmitted herewith are:

- An Information Disclosure Statement for the above referenced patent application, together with PTO form 1449 and a copy of each reference cited in form 1449, except for U.S. patents and patent applications.
- A payment for petition fees.
- The commissioner is hereby authorized to charge payment of any missing fee associated with this communication or credit any overpayment to Deposit Account 50-0292.

A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED

Respectfully submitted,

Date: Feb 24, 2005


Dov Rosenfeld  
Attorney/Agent for Applicant(s)  
Reg. No. 38687

Correspondence Address:

Dov Rosenfeld  
5507 College Avenue, Suite 2  
Oakland, CA 94618  
Telephone No.: 510-547-3378

## Certificate of Facsimile Transmission under 37 CFR 1.8

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date: Feb 24, 2005

Signed: Amy Drury  
Name: Amy Drury

Our Docket/Ref. No.: CISCO-7727

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Lyons et al.  
 Serial No.: 10/698,588  
 Filed: October 31, 2003  
 Title: ERROR VECTOR MAGNITUDE  
 SELECTION DIVERSITY METRIC  
 FOR OFDM

Group Art Unit: 2682  
 Examiner: Raymond B. Persino

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**TRANSMITTAL: INFORMATION DISCLOSURE STATEMENT**

Dear Commissioner:

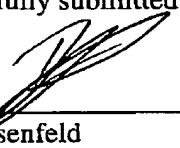
Transmitted herewith are:

- An Information Disclosure Statement for the above referenced patent application, together with PTO form 1449 and a copy of each reference cited in form 1449, except for U.S. patents and patent applications.
- A payment for petition fees.
- The commissioner is hereby authorized to charge payment of any missing fee associated with this communication or credit any overpayment to Deposit Account 50-0292.

A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED

Date: Feb. 24, 2005

Respectfully submitted,

  
 Dov Rosenfeld  
 Attorney/Agent for Applicant(s)  
 Reg. No. 38687

Correspondence Address:

Dov Rosenfeld  
 5507 College Avenue, Suite 2  
 Oakland, CA 94618  
 Telephone No.: 510-547-3378

**Certificate of Facsimile Transmission under 37 CFR 1.8**

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date: Feb. 24, 2005
 Signed:   
 Name: Amy Drury

Our Docket/Ref. No.: CISCO-7727

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Lyons et al.

Serial No.: 10/698,588

Filed: October 31, 2003

Title: **ERROR VECTOR MAGNITUDE  
SELECTION DIVERSITY METRIC  
FOR OFDM**

Group Art Unit: 2682

Examiner: Raymond B. Persino

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Commissioner:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
  - Certification under 37 CFR 1.97(e), or  
a \$180.00 fee under 37 CFR 1.17(p)  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
  - under 37 CFR 1.97(d) together with a:
    - Certification under 37 CFR 1.97(e), and
    - a petition under 37 CFR 1.97(d)(2)(ii), and  
a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

**Certificate of Facsimile Transmission under 37 CFR 1.8**

I hereby certify that this response is being facsimile transmitted to the United States Patent and Trademark Office at telephone number 703-872-9306 addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on.

Date: Feb. 24, 2005Signed: Amy Drury  
Name: Amy Drury

S/N: 10/698,588

Page 2

IDS

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

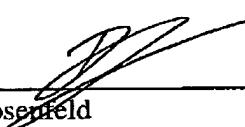
(Certification under 37 C.F.R. 1.97 (e)) Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

It is expressly requested that the cited information be made of record in the application and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Respectfully submitted,

Date: Feb 24, 2005

  
Dov Rosenfeld  
Attorney/Agent for Applicant(s)  
Reg. No. 38687

Correspondence Address:

Dov Rosenfeld  
5507 College Avenue, Suite 2  
Oakland, CA 94618  
Telephone No.: 510-547-3378

ET AL FORM - 1449

SHEET 1 OF 1.

		ATTY. DOCKET NO. CISCO-7727	SERIAL NO. 10/698,588
<b>INFORMATION DISCLOSURE STATEMENT</b>		APPLICANT Lyons et al.	
(Use several sheets if necessary)		FILING DATE 31 Oct 2003	GROUP 2682

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	6,067,449	May 23, 2000	Jager	455	277.2	Dec. 10, 1996
	AB	5,339,452	Aug. 16, 1994	Sugawara	455	212	Sep. 4, 1992
	AC	2002/0118724	Aug. 29, 2002	Kishimoto et al.	375	132	Jan. 16, 2002
	AD	A1 2004/0014443	Jan. 22, 2004	Nakao et al.	455	130	Jul. 15, 2003
	AE	2003/0100282	May 29, 2003	Kandala	455	234.1	Jan. 6, 2003
	AF	5,530,926	Jun. 25, 1996	Rozanski	455	277.2	Feb. 13, 1995
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES   NO
	AL						
	AM						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)		
	AN	
	AO	

EXAMINER	DATE CONSIDERED

\*EXAMINER: initial if citation considered, whether or not citation is in conformance with MPEP C80. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.